L Number	Hits	Search Text	DB	Time stamp
-	343	118/715-733.ccls. and ((liner shutter	USPAT;	2003/12/09 14:20
		shield) with (cylinder cylindrical\$3))	US-PGPUB	2003/12/03 14.20
-	271	118/715-733.ccls. and ((liner shutter	USPAT;	2003/06/08 16:02
		shield) with cool\$3)	US-PGPUB	
-	263	118/715-733.ccls. and ((liner shutter	USPAT;	2003/06/08 15:07
		shield) with (reactor chamber)) and	US-PGPUB	1
		applied.as.		
-	89	118/715-733.ccls. and ((liner shutter	USPAT;	2003/06/08 15:25
		shield) with (reactor chamber) with	US-PGPUB	
		(annular cylindrical\$ cylinder)) and		1
		applied.as.		
-	174		USPAT;	2003/06/08 15:25
		shield) with (reactor chamber)) and	US-PGPUB	
		applied.as.) not (118/715-733.ccls. and		
		((liner shutter shield) with (reactor		
		chamber) with (annular cylindrical\$		
	10	cylinder)) and applied.as.)		
-	12	(US-6197121-\$ or US-6202591-\$ or	USPAT	2003/06/08 15:32
		US-6229116-\$ or US-6228171-\$ or US-6227140-\$ or US-6231732-\$ or		
		,		
		US-5951775-\$ or US-6051122-\$ or US-6143086-\$ or US-6221221-\$ or		
		US-6264812-\$ or US-6192827-\$).did.		
_	4	((US-6197121-\$ or US-6202591-\$ or	USPAT;	2003/06/08 15:32
	.	US-6229116-\$ or US-6228171-\$ or	US-PGPUB	2003/00/00 15:32
1		US-6227140-\$ or US-6231732-\$ or	100 EGEOD	
2		US-5951775-\$ or US-6051122-\$ or		
		US-6143086-\$ or US-6221221-\$ or		
		US-6264812-\$ or US-6192827-\$).did.) and		
1		cool		
	8	((US-6197121-\$ or US-6202591-\$ or	USPAT;	2003/06/08 15:32
		US-6229116-\$ or US-6228171-\$ or	US-PGPUB	
!		US-6227140-\$ or US-6231732-\$ or		
1		US-5951775-\$ or US-6051122-\$ or		
		US-6143086-\$ or US-6221221-\$ or	}	
		US-6264812-\$ or US-6192827-\$).did.) and	ì	
		cool\$3		
_	28	5788799.URPN.	USPAT	2003/06/08 15:55
-	15	5788799.URPN. and cool\$3	USPAT;	2003/06/08 15:46
_	2	"04157162"	US-PGPUB	0000105100
	2	04137162	EPO; JPO;	2003/06/08 15:56
_	35747	((liner shutter shield) with (cool\$3	DERWENT	2002/06/00 16 05
	33747	annular cylindrical\$ cylinder))	USPAT; US-PGPUB	2003/06/08 16:05
_	6284	c23c016\$.ipc.	USPAT;	2003/06/08 16:07
		33333134.1 po .	US-PGPUB	2003/06/08 16:0/
-	53026	h011021\$.ipc.	USPAT;	2003/06/08 16:07
			US-PGPUB	2003/00/00 10.0/
-	5463	(deposit\$3 etch\$3 "cvd" layer film) same	USPAT;	2003/06/08 16:06
	ļ	((liner shutter shield) with (cool\$3	US-PGPUB	=====================================
	l	<pre>annular cylindrical\$ cylinder))</pre>		
-	0	(c23c016\$.ipc. h011021\$.ipc.) and	EPO; JPO;	2003/06/08 16:06
	ļ	((liner shutter shield) with (cool\$3	DERWENT	
		annular cylindrical\$ cylinder))		
-	0	(c23c016\$.ipc. h011021\$.ipc.) and	EPO; JPO;	2003/06/08 16:06
	İ	((liner shutter shield) with (cool\$3) with	DERWENT	
[_	(annular cylindrical\$ cylinder))		
-	0	(c23c016\$.ipc. h011021\$.ipc.) and	EPO; JPO;	2003/06/08 16:07
		((liner shutter shield) same (cool\$3) same	DERWENT	
_	40001	(annular cylindrical\$ cylinder))		
_	48231	c23c016\$.ipc.	EPO; JPO;	2003/06/08 16:07
	742974	h011021\$ inc	DERWENT	0000 (05 (00 = = =
	142914	h011021\$.ipc.	EPO; JPO;	2003/06/08 18:08
_	34	(c23c016\$.ipc. h011021\$.ipc.) and	DERWENT	0000/05/00 10 ==
	34	((liner shutter shield) same (cool\$3) same	EPO; JPO;	2003/06/08 16:07
	ļ	(annular cylindrical\$ cylinder))	DERWENT	
÷	o	20020069970.URPN.	11007m	2002/06/00 16 25
_	1	("6111255").PN.	USPAT	2003/06/08 16:31
	-	, 5222200 / 1211.	USPAT; US-PGPUB	2003/06/08 17:26
			US LGEUD	<u></u>

	<u> </u>			
-	1	("6111225").PN.	USPAT; US-PGPUB	2003/06/08 17:26
-	15	h011021\$.ipc. and (reactor with "stainless steel")	EPO; JPO; DERWENT	2003/06/08 17:28
_	634	h011021\$.ipc. and ((multiple plural\$3) with (wafer substrate) with carrier)	EPO; JPO;	2003/06/08 18:10
-	84	118/728.ccls. and ((multiple plural\$3) with (wafer substrate) with holder)	DERWENT USPAT; US-PGPUB	2003/06/08 18:15
-	42	118/728.ccls. and ((multiple plural\$3)	USPAT;	2003/06/08 18:11
-	6	with (wafer substrate) with carrier) 118/728.ccls. and ((multiple plural\$3) with (wafer substrate) with holder) and	US-PGPUB USPAT; US-PGPUB	2003/06/08 18:16
_	84	118/719.ccls. ((multiple plural\$3) with (wafer substrate) with holder) and 118/719.ccls.	USPAT; US-PGPÜB	2003/06/08 18:16
-	24	((multiple plural\$3) with (wafer substrate) with holder with (transfer\$4	USPAT; US-PGPUB	2003/06/08 18:17
_	35	transport\$3)) and 118/719.ccls. 118/715-733.ccls. and ((wafer substrate) with (holder) with (secur\$3 attach\$3) with	USPAT; US-PGPUB	2003/06/08 18:30
_	5	(spindle rotat\$3)) 118/715-733.ccls. and ((wafer substrate) with (carrier holder) with (attach\$3	USPAT; US-PGPUB	2003/06/09 09:05
_	330	secur\$3) with spindle) 118/715-733.ccls. and ((wafer substrate) with (carrier holder) with (attach\$3	USPAT; US-PGPUB	2003/06/09 09:09
-	62	secur\$3)) 118/719.ccls. and ((wafer substrate) with	USPAT;	2003/06/09 09:09
-	2	(carrier holder) with (attach\$3 secur\$3)) (shield shutter liner) with (conduit groove channel) with (entire) with	US-PGPUB USPAT; US-PGPUB	2003/12/05 16:49
-	11	(circumference perimeter) with fluid (118/\$.ccls. 156/345.\$.ccls.) and ((shield shutter liner) with (conduit groove	USPAT; US-PGPUB	2003/12/05 16:56
_	0	channel) with (circumference perimeter)) (118/\$.ccls. 156/345.\$.ccls.) and ((shield shutter liner) with (conduit groove	USPAT; US-PGPUB	2003/12/05 16:56
-	2	channel) with (entire) with fluid) (118/\$.ccls. 156/345.\$.ccls.) and ((wall) with (conduit groove channel) with	USPAT; US-PGPUB	2003/12/05 16:57
-	2	(entire) with fluid) (118/\$.ccls. 156/345.\$.ccls.) and ((side\$lwall wall) with (conduit groove channel) with (circumference perimeter)	USPAT; US-PGPUB	2003/12/05 17:05
_	2	with fluid) (118/\$.ccls. 156/345.\$.ccls.) and ((side\$1wall wall) with (conduit groove channel) with (circumference perimeter)	USPAT; US-PGPUB	2003/12/05 17:06
_	1	with (cool\$3)) (118/\$.ccls. 156/345.\$.ccls.) and ((shutter liner shield) with (conduit groove channel) with (circumference	USPAT; US-PGPUB	2003/12/05 17:08
-	4	perimeter) with (cool\$3)) (118/\$.ccls. 156/345.\$.ccls.) and ((shutter liner shield) with (circumference perimeter) with (cool\$3	USPAT; US-PGPÜB	2003/12/05 17:09
-	7	fluid)) (118/\$.ccls. 156/345.\$.ccls.) and ((shutter liner shield) with (entire) with	USPAT; US-PGPUB	2003/12/05 17:10
-	5	(cool\$3 fluid)) (118/\$.ccls. 156/345.\$.ccls.) and ((circumference perimeter) with (entire)	USPAT; US-PGPUB	2003/12/05 17:14
_	16	with (cool\$3)) (118/\$.ccls. 156/345.\$.ccls.) and ((circumference perimeter) with (entire)	USPAT; US-PGPUB	2003/12/05 17:18
_	18	with (fluid)) ("4276603" "4570054" "4688180" "4711989" "4738618" "4761538" "4937434" "5000682" "5001327" "5099442" "5258601" "5280422" "5291514" "5436172" "5517594"	USPAT	2003/12/05 17:17
		"5555725" "5661669" "5782227").PN.		

	,			
-	1	(c23c016\$.ipc.) and ((coo1\$3) with (channel groove conduit) with entire with	EPO; JPO; DERWENT	2003/12/05 17:20
-	2	(uniform even)) (c23c016\$.ipc.) and ((cool\$3) with (channel groove conduit) with (uniform	EPO; JPO; DERWENT	2003/12/05 17:20
_	1	even)) (c23c016\$.ipc.) and ((cool\$3) with (channel groove conduit) with	EPO; JPO; DERWENT	2003/12/05 17:21
-	0	(circumference perimeter)) (c23c016\$.ipc.) and ((temperature with	EPO; JPO;	2003/12/05 17:22
	449	fluid) with (channel groove conduit) with (circumference perimeter)) ((cool\$3) with (channel groove conduit)	DERWENT EPO; JPO;	2003/12/05 17:22
-	58	<pre>with (circumference perimeter)) ((cool\$3) with (channel groove conduit) with (circumference perimeter) with (liner</pre>	DERWENT EPO; JPO; DERWENT	2003/12/05 17:35
-	29	<pre>wall side\$1wall shield shutter)) ((cool\$3) with (entire) with (circumference perimeter) with (liner wall</pre>	EPO; JPO; DERWENT	2003/12/05 17:41
-	24	side\$1wall shield shutter)) (((cool\$3) with (entire) with	EPO; JPO;	2003/12/08 16:05
		(circumference perimeter) with (liner wall side\$1wall shield shutter))) not (((cool\$3) with (channel groove conduit) with (circumference perimeter) with (liner	DERWENT	
_	107	<pre>wall side\$1wall shield shutter))) ((cool\$3) with (entire) with (circumference perimeter) with (liner wall</pre>	USPAT; US-PGPUB	2003/12/05 17:42
_	3	side\$1wall shield shutter)) 204/298.11.ccls. and (cool\$3)	EPO; JPO;	2003/12/08 16:33
-	246	204/298.11.ccls. and (cool\$3)	DERWENT USPAT; US-PGPUB	2003/12/08 16:33
_	49	204/298.11.ccls. and (cool\$3 with (channel groove conduit))	USPAT; US-PGPUB	2003/12/08 16:49
_	4881	(shield shutter liner) with (temperature thermal\$4 cool\$3 heat\$3) with (even\$3 transfer\$4)	USPAT; US-PGPUB	2003/12/08 16:50
_	1551	(shield shutter liner) with (temperature thermal\$4 cool\$3 heat\$3) with (even\$3 transfer\$4)	EPO; JPO; DERWENT	2003/12/08 16:50
_	652	(shield shutter liner) with (temperature thermal\$4 cool\$3 heat\$3) with (even\$3)	EPO; JPO; DERWENT	2003/12/08 16:51
-	3	<pre>c23c016\$.ipc. and ((shield shutter liner) with (temperature thermal\$4 cool\$3 heat\$3) with (even\$3))</pre>	EPO; JPO; DERWENT	2003/12/08 16:52
_	15		EPO; JPO; DERWENT	2003/12/08 16:56
_	77	(118/715-733.ccls. 156/345.\$.ccls. 204/298.\$.ccls. 118/504.ccls.) and ((shield shutter liner) with (temperature thermal\$4 cool\$3 heat\$3) with (even\$3	USPAT; US-PGPUB	2003/12/08 17:42
_	8	balanc\$3 equal\$4)) ("5336585" "5362526" "5366585" "5449444" "5487822" "5518593"	USPAT	2003/12/08 17:14
_	0	"5728278" "6083365").PN. 6432203.URPN.	ric D A m	2002/12/00 17 00
_	0	6442950.URPN.	USPAT USPAT	2003/12/08 17:22 2003/12/08 17:27
_	9	("2437414" "4981102" "5482559" "5740845" "5879461" "6000227"	USPAT	2003/12/08 17:27
_	28	"6120660" "6125551" "6331212").PN. (118/715-733.ccls. 156/345.\$.ccls. 204/298.\$.ccls. 118/504.ccls.) and ((cool\$3) with (coil\$3 wrap\$3 wind\$3) with	USPAT; US-PGPUB	2003/12/08 17:58
_	1	(perimeter circumference)) ("6442950").PN.	USPAT;	2003/12/08 17:58
L			US-PGPUB	

-	9	("2437414" "4981102" "5482559"	USPAT	2003/12/08 18:28
		"5740845" "5879461" "6000227"		
		"6120660" "6125551" "6331212").PN.		
-	231	118/715-733.ccls. and ("wafer carrier"	USPAT;	2003/12/09 11:15
İ		"wafer frame")	US-PGPUB	
_	103	118/715-733.ccls. and (("wafer carrier"	USPAT;	2003/12/09 11:44
		"wafer frame") with (mount\$3 hold\$3))	US-PGPUB	
_	3	5759281.URPN.	USPAT	2003/12/09 11:22
	18	1	USPAT	2003/12/09 11:24
		"4791651" "5186756" "5264038"	001111	2003/12/03 11:24
		"5387447" "5520742" "5624499"		
		"5759281" "5855675" "5855998"		1
		"5879450" "5888591" "6001183"		
		"6045877" "6261363" "6300601").PN.		0000/10/00 11 05
_	4	6001183.URPN.	USPAT	2003/12/09 11:25
-	4	6001183.URPN.	USPAT	2003/12/09 11:26
	17		USPAT	2003/12/09 11:26
		"5044943" "5152842" "5226383"		
		"5242501" "5343938" "5344492"		
		"5366002" "5376180" "5384008"		
		"5403401" "5460684" "5474612"		
	,	"5690742" "5782970").PN.		
-	2	(118/\$.ccls. 156/345.\$.ccls.) and ((USPAT;	2003/12/09 11:50
		"wafer frame") with (protect\$3))	US-PGPUB	
-	10	("5246524" "5474647" "5590445"	USPAT	2003/12/09 11:46
		"5672239" "5891298" "6030485"	001111	2003/12/03 11.40
		"6149758" "6218727" "6238515"		
		"6239038").PN.		
_	10		USPAT	2003/12/09 11:49
	10	"5672239" "5891298" "6030485"	USFAI	2003/12/09 11:49
	,	"6149758" "6218727" "6238515"		
		"6239038").PN.		0000 400 400 40
-	0	6569282.URPN.	USPAT	2003/12/09 11:49
[-	14	' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2003/12/09 12:10
		"wafer frame"))	US-PGPUB	
-	14	3918756.URPN.	USPAT	2003/12/09 11:52
-	7	(*************************************	USPAT	2003/12/09 11:54
		"3486631" "3610613" "3804311"		
		"3834349").PN.		
-	23	("4306731" "4473455". "4779877"	USPAT	2003/12/09 12:06
		"5046909" "5093550" "5256204"		1
		"5275521" "5372471" "5377476"		
		"5382127" "5388945" "5636964"		
		"5668056" "5669644" "5679404"		
		"5841515" "5911461" "5970621"		
		"5976199" "6068441" "6099652"		
		"6158951" "6162299").PN.		
_	1	("4311427").PN.	USPAT;	2003/12/09 12:10
	-	(101111 / 1111	· ·	2003/12/09 12:10
_	63	118/715-733.ccls. and ((liner shutter	US-PGPUB	2002/12/00 14:01
	0.5		USPAT;	2003/12/09 14:21
_	23	shield) with (hollow\$3))	US-PGPUB	0000/10/05 11 51
	23	156/345.\$.ccls. and ((liner shutter	USPAT;	2003/12/09 14:21
	_	shield) with (hollow\$3))	US-PGPUB	
-	5	156/345.\$.ccls. and ((liner shutter	USPAT;	2003/12/09 14:22
		shield) with (hollow\$3) with (cool\$3	US-PGPUB	
		heat\$3 fluid))		
-	25	118/715-733.ccls. and ((liner shutter	USPAT;	2003/12/09 15:00
		shield) with (hollow\$3) with (cool\$3	US-PGPUB	
		heat\$3 fluid))		
-	14	gurary-alexander.in. elman-scott.in.	USPAT;	2003/12/09 15:09
		moy-keng.in. boguslavskiy-vadim.in.	US-PGPUB	
			_ = = = = =	

	1 00	L (110 C) (100 C) (100 C) (100 C)	T	
_	93	(65 6112366 + 62 65 61165761 + 62	USPAT;	2004/08/17 11:38
		US-6312555-\$ or US-6231732-\$ or	US-PGPUB;	
		US-6229116-\$ or US-6228171-\$ or	JPO;	
	ľ	US-6227140-\$ or US-6202591-\$ or	DERWENT	
	1	US-6197121-\$ or US-6129808-\$ or		
		US-5994675-\$ or US-5904800-\$ or		
		US-5902404-\$ or US-5097890-\$ or		
İ		US-5060354-\$ or US-4989543-\$ or		
-		US-4561382-\$ or US-3659552-\$ or		
		US-6264812-\$ or US-6221221-\$ or		
		US-6143086-\$ or US-6063199-\$ or		
		US-6051122-\$ or US-5951775-\$ or		1
		US-6192827-\$ or US-6347636-\$).did. or		
		(US-6111225-\$ or US-6206975-\$ or		
		US-6340501-\$ or US-6331212-\$ or		
	1	US-4311427-\$ or US-3656454-\$ or		
		US-6603269-\$ or US-4336329-\$ or		
	1			1
	1	US-3909207-\$ or US-6432203-\$ or		
		US-5449444-\$ or US-6310328-\$ or		1
		US-5970214-\$ or US-4705700-\$ or		
		US-6547876-\$ or US-6492625-\$ or		1
		US-6289842-\$ or US-6001183-\$ or		
		US-5759281-\$ or US-4911638-\$ or	,	l i
		US-5044943-\$ or US-6569282-\$ or		1
		US-5590445-\$ or US-5246524-\$ or		
		US-6318957-\$ or US-5184723-\$ or		ļ
		US-3918756-\$).did. or (US-4354453-\$ or		1
	ĺ	US-6158951-\$ or US-5911461-\$ or		1
	ĺ	US-5046909-\$ or US-4779877-\$ or		1
		US-5788799-\$ or US-5472509-\$ or		
		US-4960488-\$).did. or (US-20030037880-\$ or		
		US-20020185068-\$ or US-20020144786-\$ or		
	İ	US-20020166632-\$ or US-20020144657-\$ or		
		US-20020144655-\$ or US-20020108571-\$ or		l i
		US-20020076490-\$ or US-20020069970-\$ or	1	
		US-20010054483-\$ or US-20010029888-\$ or		
		US-20020104751-\$ or US-20030042131-\$ or	1	
		US-20020104731-3 01 03-20030042131-3 01 US-20020104619-\$).did. or (JP-04157162-\$		
		, , , , , , , , , , , , , , , , , , , ,		
		or JP-11067656-\$ or JP-08031756-\$ or		
		JP-07029912-\$ or JP-03104222-\$ or		
		JP-60231332-\$ or JP-07070730-\$ or		
		JP-10054688-\$ or JP-56099060-\$ or	1	
		JP-07103658-\$ or JP-58096814-\$).did. or	1	
		(JP-04157162-\$ or WO-200299861-\$ or	1	
		JP-2001270798-\$ or JP-07029912-\$ or		
		JP-08139039-\$ or DE-4231921-\$ or		
		JP-05190464~\$).did.		
	. 1	(US-2437414-\$).did.	USOCR	2004/08/17 11:36
			.	1 21.50

	72	((US-6442950-\$ or US-6408786-\$ or	USPAT;	2004/08/17 11:38
	12	US-6312555-\$ or US-6231732-\$ or	US-PGPUB;	2004/00/1/ 11:38
		US-6229116-\$ or US-6228171-\$ or	JPO;	
		US-6227140-\$ or US-6202591-\$ or	DERWENT	
		US-6197121-\$ or US-6129808-\$ or	DEKWENT	
		US-5994675-\$ or US-5904800-\$ or		
		US-5902404-\$ or US-5097890-\$ or		
		US-5060354-\$ or US-4989543-\$ or		
		US-4561382-\$ or US-3659552-\$ or		
		US-6264812-\$ or US-6221221-\$ or		
1		US-6143086-\$ or US-6063199-\$ or		
		US-6051122-\$ or US-5951775-\$ or		
		US-6192827-\$ or US-6347636-\$).did. or		
		(US-6111225-\$ or US-6206975-\$ or		
		US-6340501-\$ or US-6331212-\$ or		
		US-4311427-\$ or US-3656454-\$ or		1
		US-6603269-\$ or US-4336329-\$ or		
l i		US-3909207-\$ or US-6432203-\$ or		1
		US-5449444-\$ or US-6310328-\$ or		1
		US-5970214-\$ or US-4705700-\$ or		
! !		US-6547876-\$ or US-6492625-\$ or		
		US-6289842-\$ or US-6001183-\$ or		
		US-5759281-\$ or US-4911638-\$ or		
		US-5044943-\$ or US-6569282-\$ or		
		US-5590445-\$ or US-5246524-\$ or		
		US-6318957-\$ or US-5184723-\$ or		
		US-3918756-\$).did. or (US-4354453-\$ or		
		US-6158951-\$ or US-5911461-\$ or		
		US-5046909-\$ or US-4779877-\$ or		
		US-5788799-\$ or US-5472509-\$ or	1	
		US-4960488-\$).did. or (US-20030037880-\$ or		
		US-20020185068-\$ or US-20020144786-\$ or		
		US-20020163008-\$ 01 03-20020144780-\$ 01 US-20020144657-\$ or		
		US-20020144655-\$ or US-20020108571-\$ or		
		US-20020076490-\$ or US-20020069970-\$ or		
		US-20010054483-\$ or US-20010029888-\$ or		
		US-20010034463-3 of US-20010029666-3 of US-20020104751-\$ or US-20030042131-\$ or		
		US-20020104731-\$ 01 03-20030042131-\$ 01 US-20020104619-\$).did. or (JP-04157162-\$		
		or JP-11067656-\$ or JP-08031756-\$ or		
				<u> </u>
		JP-07029912-\$ or JP-03104222-\$ or JP-60231332-\$ or JP-07070730-\$ or	,	ļ.
		JP-10054688-\$ or JP-56099060-\$ or		
		JP-07103658-\$ or JP-58096814-\$).did. or		
		(JP-04157162-\$ or WO-200299861-\$ or		
		JP-2001270798-\$ or JP-07029912-\$ or	-	
		JP-08139039-\$ or DE-4231921-\$ or	1	
		JP-05190464-\$).did.) and cool\$3	1	1

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	T		·	1 2 2 2 2 7 2 2 7 2 2 2 2 2 2 2 2 2 2 2
-	41	((US-6442950-\$ or US-6408786-\$ or	USPAT;	2004/08/17 13:23
		US-6312555-\$ or US-6231732-\$ or	US-PGPUB;	1
		US-6229116-\$ or US-6228171-\$ or	JPO;	i
	1	US-6227140-\$ or US-6202591-\$ or	DERWENT	
		US-6197121-\$ or US-6129808-\$ or		
		US-5994675-\$ or US-5904800-\$ or		
		US-5902404-\$ or US-5097890-\$ or	1	1
		US-5060354-\$ or US-4989543-\$ or		
		US-4561382-\$ or US-3659552-\$ or		
		US-6264812-\$ or US-6221221-\$ or	İ	
	Ì	,		
	0	US-6143086-\$ or US-6063199-\$ or		
	ļ	US-6051122-\$ or US-5951775-\$ or		
		US-6192827-\$ or US-6347636-\$).did. or		
		(US-6111225-\$ or US-6206975-\$ or		
	1	US-6340501-\$ or US-6331212-\$ or		
		US-4311427-\$ or US-3656454-\$ or		
	ļ	US-6603269-\$ or US-4336329-\$ or		
	,	US-3909207-\$ or US-6432203-\$ or		
		US-5449444-\$ or US-6310328-\$ or		
		US-5970214-\$ or US-4705700-\$ or		
		US-6547876-\$ or US-6492625-\$ or		
		The state of the s		1
		US-6289842-\$ or US-6001183-\$ or		1
	1	US-5759281-\$ or US-4911638-\$ or		1
		US-5044943-\$ or US-6569282-\$ or		
		US-5590445-\$ or US-5246524-\$ or	‡	1
		US-6318957-\$ or US-5184723-\$ or		1
		US-3918756-\$).did. or (US-4354453-\$ or		İ
		US-6158951-\$ or US-5911461-\$ or		
	-	US-5046909-\$ or US-4779877-\$ or		
		US-5788799-\$ or US-5472509-\$ or		
	İ	US-4960488-\$).did. or (US-20030037880-\$ or		
		US-20020185068-\$ or US-20020144786-\$ or		
		l · · · · · · · · · · · · · · · · · · ·		
		US-20020166632-\$ or US-20020144657-\$ or		
		US-20020144655-\$ or US-20020108571-\$ or		
		US-20020076490-\$ or US-20020069970-\$ or	•	•
		US-20010054483-\$ or US-20010029888-\$ or	1	‡
		US-20020104751-\$ or US-20030042131-\$ or	i	
		US-20020104619-\$).did. or (JP-04157162-\$		
		or JP-11067656-\$ or JP-08031756-\$ or		
		JP-07029912-\$ or JP-03104222-\$ or		
	İ	JP-60231332-\$ or JP-07070730-\$ or		
		JP-10054688-\$ or JP-56099060-\$ or		
		JP-07103658-\$ or JP-58096814-\$).did. or		
		(JP-04157162-\$ or WO-200299861-\$ or		
		JP-2001270798-\$ or JP-07029912-\$ or		
		JP-08139039-\$ or DE-4231921-\$ or		
		JP-05190464-\$).did.) and (cool\$3 with		
1		(liner shield shutter annular))		1
-	9	("2437414" "4981102" "5482559"	USPAT	2004/08/17 13:15
		"5740845" "5879461" "6000227"		
		"6120660" "6125551" "6331212").PN.		
_	114	(118/715-733.ccls. 156/345.\$.ccls.	USPAT;	2004/08/17 15:55
	114	216/\$.ccls. 427/\$.ccls. 438/\$.ccls.) and		2004/06/1/ 13:55
			US-PGPUB	f
		(cool\$3 with (liner shield shutter) with		
		(circumfer\$8 annular circle circular		
1		surround\$3 encircl\$4 encompass\$4 ring		
		round enclav\$4 enclose\$4 envelop\$4		
		circumscrib\$4 circumvent\$4))		
-	4	(118/715-733.ccls. 156/345.\$.ccls.	EPO; JPO;	2004/08/17 15:59
		216/\$.ccls. 427/\$.ccls. 438/\$.ccls.) and	DERWENT	
		(cool\$3 with (liner shield shutter) with		
		(circumfer\$8 annular circle circular		
1	İ	surround\$3 encircl\$4 encompass\$4 ring		
		round enclav\$4 enclose\$4 envelop\$4		
1_	1100	circumscrib\$4 circumvent\$4))		0004/00/17
-	1126	(cool\$3 with (liner shield shutter) with	EPO; JPO;	2004/08/17 15:59
	.]	(circumfer\$8 annular circle circular	DERWENT	
1		surround\$3 encircl\$4 encompass\$4 ring		
	<u> </u>	round enclav\$4 enclose\$4 envelop\$4		
		circumscrib\$4 circumvent\$4))		
				L

_	56	(substrate workpiece semiconductor wafer)	EPO; JPO;	2004/08/17 16:00
		and (cool\$3 with (liner shield shutter)	DERWENT	
		with (circumfer\$8 annular circle circular		
		surround\$3 encircl\$4 encompass\$4 ring		
		round enclav\$4 enclose\$4 envelop\$4		
		circumscrib\$4 circumvent\$4))		
_	242	ishioka.in.	USPAT;	2004/08/17 16:35
			US-PGPUB	
_	15	ishioka.in. and (cool\$3 same pipe)	USPAT;	2004/08/17 17:15
			US-PGPUB	
_	0	noorbajhsh.in.	USPAT;	2004/08/17 17:15
			US-PGPUB	
-	24	noorbakhsh.in.	USPAT;	2004/08/17 17:20
			US-PGPUB	
-	9	(("6171438") or ("5565058") or ("5843277")	USPAT;	2004/08/17 17:36
		or ("6007673") or ("6176198") or	US-PGPUB	
		("5968276") or ("6273022") or ("6143078")		
		or ("5824158")).PN.		·
-	1	("20020069970").PN.	USPAT;	2004/08/18 12:44
			US-PGPUB	
_	1	("6111225").PN.	USPAT;	2004/08/18 12:44
			US-PGPUB	